

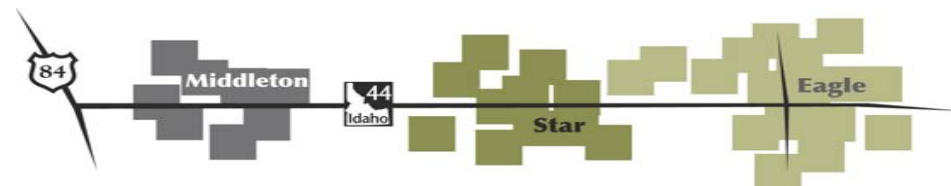
S.H. 44 Corridor Preservation Study

Why Access Management?

The future of S.H. 44 depends on how access is managed.

The term “access management” describes a set of design techniques that state and local governments use to control access to highways, major arterials and other roadways. These techniques are designed to increase the capacity of roads, manage congestion and reduce crashes. Examples of access management include:

- Increasing space between access points on the corridor, including driveways**
- Use of turn lanes**
- Parallel collector roads (frontage and backage roads)**
- Median barriers**

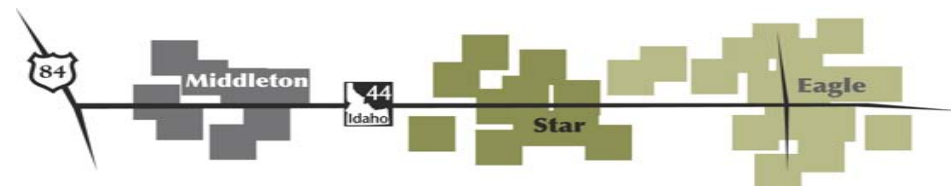


S.H. 44 Corridor Preservation Study

Access Management

Benefits of Access Management:

- **Smooths traffic flow**
- **Reduces crashes**
- **Provides a larger market area for businesses**
- **Shorter commute times to work and school**
- **Reduces fuel use and emissions**



S.H. 44 Corridor Preservation Study

PARALLEL COLLECTOR ROADS

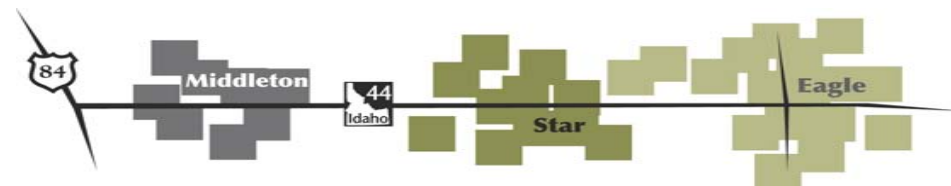
(frontage or backage)

Advantages

- Fewer delays
- Fewer crashes
- Can be built as development occurs
- Easier short trip travel without using S.H. 44

Challenges

- Less convenient access to S.H. 44
- Dependent on development and good planning
- May be difficult because of existing development
- Additional cost beyond highway improvements

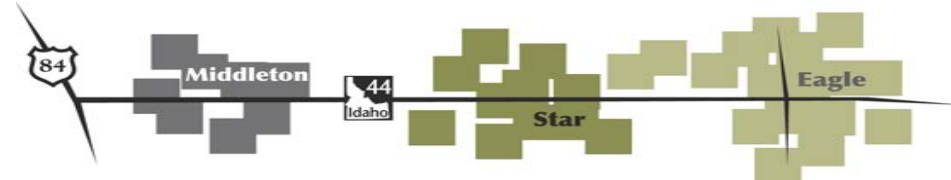


S.H. 44 Corridor Preservation Study

Access Management

**A good local road system is key
to the success of access
management.**

**Land use and the road system
should keep local trips on the
local system.**



S.H. 44 Corridor Preservation Study

Advantages and Challenges of Access Management

Signal spacing	½ mile	1 mile	Expressway
Travel time (estimated)	+/- 36 minutes	+/- 28 minutes	+/- 21 minutes
Capacity	35,000 vehicles per day	40,000 vehicles per day	55,000 vehicles per day
Crash rate	Higher	↔	Lower
Cost	+ \$125 million	+ \$115 million	+ \$ 300 million

S.H. 44 Corridor Preservation Study

Advantages and Challenges of Access Management

Signal spacing	½ mile	1 mile	Expressway
Travel time (estimated)	+/- 36 minutes	+/-28 minutes	+/-21 minutes
Delay	Highest	Medium	Lowest
Capacity	35,000 vehicles per day	40,000 vehicles per day	55,000 vehicles per day
Crash rate	Highest	Lower	Lowest
Estimated cost	+\$125 million	+\$115 million	+\$300 million
North/south connectivity	Highest	Lower	Lowest